



COUNTY BOROUGH OF TYNEMOUTH

SIXTY-SECOND
ANNUAL REPORT
OF THE
Medical Officer of Health
1942.



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SIXTY-SECOND

ANNUAL REPORT

OF THE

Medical Officer of Health

1942.

NORTH SHIELDS:

J. W. MOORE LTD., Printers, Charlotte Street.

1943.

**County Borough of Tynemouth,
HEALTH COMMITTEE.**

THE MAYOR—Councillor JOSEPH MAYO, J.P.

Chairman :

Councillor W. R. FORSTER.

Deputy Chairman :

Councillor G. C. BARBER.

Members :

Alderman HARRISON, J.P.	Councillor Mrs. FRATER, J.P.
„ MIDDLEMISS, J.P.	„ LITTLE.
„ PARK, J.P.	„ MORALEE.
„ SPENCE.	„ MURRAY.
Councillor BARBER, G. C.	„ STANGER.
„ BARBER, MRS. M.	„ THEWLES.
„ BURNETT.	„ WALSH.
„ FORSTER.	

R. H. DAWSON, M.B., CH.B., D.P.H. (Edinburgh).

Medical Officer of Health,

Chief Medical Adviser to the Local Authority,

Chief Medical Officer to the Education Authority,

Administrative Tuberculosis Officer,

**Medical Superintendent of Infectious Diseases and Smallpox Hospitals
and**

Vaccination Officer.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

————:O:————

Medical Officer of Health and Vaccination Officer :	R. H. DAWSON, M.B., CH.B., D.P.H.
Assistant Medical Officer of Health :	R. M. WHITE, M.B., CH.B., D.P.H.
Maternity and Child Welfare Officer :	MARGARET B. STEEL, M.B., CH.B., D.P.H.
Senior Sanitary Inspector :	C. A. MURRAY, Cert. S.I.B., Cert. Meat Inspection.
Sanitary Inspectors :	E. E. MILBURN, Cert. R.S.I. J. E. HALL, Cert. R.S.I., Cert. Meat Insp. L. MORALEE Cert. R.S.I. R. R. MACDOUGALL, Cert. R.S.I.
Tuberculosis Nurses :	M. IRVING, S.R.N., S.C.M. A. TINDLE, S.R.N., S.C.M.
Health Visitors :	I. FRASER, H.V. Cert., S.R.N., S.C.M. E. MARSHALL, H.V. Cert., S.R.N., S.C.M. V. PARKER, H.V. Cert., S.C.M. A. MILBURN, H.V. Cert., S.R.N., S.C.M.
Chief Clerk :	A. R. FORSYTH.
Clerks :	W. R. MILLER. G. G. ELLIS (Staff Officer Casualty Service). B. O. BLAGBURN (H.M. Forces). A. CONNACHER (Civil Defence). Miss A. MILBURN (Temp.). Miss M. GRAY (Temp.). Miss A. MILBURN (Temp.).
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Typists :	Miss E. MORPETH. Miss M. LAMBERT (Civil Defence).
Disinfectors :	B. NEWHAM (H.M. Forces) T. H. DUNN (Temp.).
Laboratory Boy :	A. MUCKLE,
Matron (Moor Park Hospital) :	Miss K. ROBINSON.
Matron (Frater Maternity Home)	Miss C. CORNEY.
Midwives :	Miss D. BRAND, S.R.N., S.C.M. Miss M. CARRUTHERS, S.C.M. Mrs. E. FANTHORPE, S.C.M. Mrs. M. HALL, S.R.N., S.C.M. Mrs. H. HOROBIN, S.R.N., S.C.M. Mrs. M. KANE, S.C.M. Mrs. E. MOONEY, S.C.M. Mrs. G. SMILES, S.C.M.

PUBLIC HEALTH DEPARTMENT,
TYNEMOUTH.

August, 1943.

*To The Mayor, Aldermen and Councillors,
of the County Borough of Tynemouth.*

YOUR WORSHIP, LADIES and GENTLEMEN,

I have the honour to submit the Sixty-Second Annual Report of the Medical Officer of Health, upon the health and sanitary conditions of this Borough for the year 1942, and am pleased to report that the general standard of health of the population of the Borough has been maintained at a high level.

It is satisfactory to me to have to report a slight increase in the Birth Rate, and a slight but noticeable decrease in the incidence of Tuberculosis.

The scheme for the Immunisation against Diphtheria of the child population, instituted last year, has been fairly well supported by parents, and the results obtained have been reasonably satisfactory.

In conclusion, I desire to express my thanks to the Chairman and members of the Health Committee, for their interest and support throughout the year, and also my sincere appreciation of their very helpful co-operation to all members of the staff of the Health Department.

I have the honour to remain,

Your obedient Servant,

R. H. DAWSON,

Medical Officer of Health.

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ANNUAL REPORT, 1942.

SECTION A.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

Area (Acres) (Exclusive of 80 Acres covered by inland water) ...	4,604
Total Dwellings occupied and vacant (1931 Census)	13,635
Number of Private Families therein (1931 Census)	16,079
Average Number of Persons per Family (1931 Census)	3.86
Rateable Value (1st April, 1942)	£422,870
Sum represented by a penny rate	£1,551

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Number of Marriages during 1942	608
Total Live Births	908
Legitimate Males 450 ; Females 389 ;	
Illegitimate „ 38 ; „ 31 ;	
Birth Rate	16.97
Stillbirths (Registrar-General)	51
Legitimate Males 26 ; Females 18 ;	
Illegitimate „ 3 ; „ 4 ;	
Stillbirth Rate per 1,000 Live Births	56.16
Deaths	787
Males 441 ; Females 346 ;	
Death Rate	14.71
Percentage of Deaths in Public Institutions	39.64

Deaths from Puerperal Causes :—

	No.	Rate (per 1,000 total live and stillbirths).
From Puerperal Sepsis	0	0.00
From Other Maternal Causes ...	2	2.08
	—	—
Total	2	2.08
	==	==

Death Rate of Infants under one year of age :—

All Infants, per 1,000 live births... ..	92
Legitimate Infants, per 1,000 legitimate live births ...	90
Illegitimate Infants, per 1,000 illegitimate live births...	116
Deaths from Cancer (all ages)	101
Deaths from Measles (all ages)	Nil.
Deaths from Whooping Cough (all ages)	4
Deaths from Diarrhoea (under 2 years of age)	10
Amount expended in out-relief, 1942	£23,696

BIRTHS.

The nett total births assignable to the Borough were 908 which gives an annual birth rate of 16.97 per 1,000 of the population.

The live birth rate for England and Wales for 1942 was 15.8 per 1,000 of the population.

The total births were made up as follows :—

Live.	Legitimate Males	450 ;	Legitimate Females	389
	Illegitimate „	38 ;	Illegitimate „	31
	TOTALS	488	TOTALS	420
	==		==	
Still.	Legitimate Males	26 ;	Legitimate Females	18
	Illegitimate „	3 ;	Illegitimate „	4
	TOTALS	29	TOTALS	22
	==		==	

The percentage of illegitimate births to the total births for 1942 was 8.22.

DEATHS.

The nett deaths were 787, which is equivalent to a death rate of 14.71 per 1,000 of the population. The rates for England and Wales, and the Great Towns were 11.6 and 13.3 respectively.

The number of deaths of persons belonging to Tynemouth which occurred in Public Institutions during the year was :—

Tynemouth Poor Law Institution 214 ; Tynemouth Victoria Jubilee Infirmary 33 ; Moor Park Isolation Hospital 14 ; Other Institutions outside the Borough 51 ; making a total of 312, which represents 39.64 per cent. of all deaths of residents during the year.

PRINCIPAL CERTIFIABLE CAUSES OF DEATH.

	No. of Deaths.	Proportion of Deaths per 1,000 Deaths from all causes.
Diseases of Circulatory System :—		
Disease of the Heart	184	233.80
Intra-Cranial Vascular Lesions	96	121.98
Other Circulatory Diseases ...	20	25.41
Respiratory Diseases :—		
Pneumonia	34	50.82
Influenzal Pneumonia	1	1.27
Bronchitis	31	39.39
Other Respiratory Diseases ...	13	16.52
Tuberculosis :—		
Tuberculosis (all forms) ...	59	74.96
Cancer and Malignant Diseases :—		
Cancer and Malignant Diseases	101	128.33
Deaths from All Causes	Total	787.

INFANTILE MORTALITY.

There were 84 deaths of infants under one year of age which gives an Infantile Mortality Rate of 92 per 1,000 live births.

The Infantile Mortality Rates for England and Wales, and for the Great Towns were 49 and 59 respectively.

NEO-NATAL MORTALITY.

The Neo-Natal Mortality, i.e. the death rate of infants under one month of age, per 1,000 births was 40.75.

MATERNAL MORTALITY.

There were 2 Maternal Deaths during the year, giving a mortality rate of 2.08 per 1,000 live and still births.

COMPARATIVE TABLE OF MATERNAL DEATHS FOR PAST 10 YEARS.

Year.	Births.	Birth Rate.	TYNEMOUTH.		England and Wales Maternal Mortality per 1,000 live and stillbirths.
			No. of Maternal Deaths (R.G.).	Maternal Mortality per 1,000 live and stillbirths.	
1933	1,135	17.25	6	5.28	5.94
1934	1,172	17.77	5	4.26	5.85
1935	1,201	17.38	3	2.49	4.10
1936	1,209	18.10	4	3.31	3.81
1937	1,087	16.25	2	1.84	3.23
1938	1,104	16.60	5	4.50	3.08
1939	1,119	16.70	2	1.74	2.93
1940	1,060	17.74	6	5.47	2.16
1941	897	15.95	3	3.21	3.87
1942	908	16.97	2	2.08	2.08
Average	1,089	17.07	3.8	3.41	3.70*

* Mean of 10 years.

SECTION B.**GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.****MEDICAL PRACTITIONERS.**

There are 17 doctors resident in the County Borough of Tynemouth who are engaged in private practice.

LABORATORY FACILITIES.

There has been no change during the year in the provisions of laboratory facilities which were described in the Annual Report for 1940. The following table shows the number, nature and results of examination of the specimens examined in the Tynemouth Laboratory from 1938.

Year.	Diphtheria.		Phthisis.		Typhoid Fever.		Streptococcus.		Miscellaneous.	Totals.
	+	—	+	—	+	—	+	—		
1938	445	2,935	78	227	2	57	13	160	179	4,096
1939	221	1,724	129	244	2	52	19	228	171	2,790
1940	220	1,511	38	213	—	5	14	247	265	2,513
1941	283	2,583	92	275	—	—	17	212	573	4,035
1942	321	2,979	66	411	2	4	9	170	324	4,286

The bacteriological examination of milk, water and other specimens is carried out by arrangement at King's College Laboratory, Newcastle.

The following specimens were examined during the year :—

(1)	Bacteriological Examinations of Milk	...	...	139*
(2)	Excreta for enteric and disenteric organisms	...	...	26
(3)	Blood for serological tests	...	...	26
(4)	Other examinations	...	...	44
Total				235

* Includes 40 inoculation investigations.

Chemical and Bacteriological analyses are performed for the Local Authority by the Public Analysts for the Borough, in their Laboratory in Newcastle. During the year ten bacteriological and two chemical examinations were made on samples submitted by the Water Engineer.

In Preston Hospital and in the Tynemouth Victoria Jubilee Infirmary, certain examinations and analyses of clinical material were performed by the staff of each hospital, such examinations including blood counts, blood sugar examinations, urine analyses, slide, and smear preparations, etc.

HOSPITALS AND INSTITUTIONS.

FACILITIES AVAILABLE AT HOSPITALS IN THE COUNTY BOROUGH OF TYNEMOUTH.

Preston Hospital.

An agreement as to joint usage of this Hospital with the Northumberland County Council has been extended until 1950.

The figures given below show the number of patients treated, and the nature of the disease dealt with, in Preston Hospital, during the year 1942, and relate to all patients admitted from both the County Borough of Tynemouth, and the County Council of Northumberland.

Preston Hospital—General Statistics.

Number of beds available	...	...	...	...	488
Number of patients admitted during the year	...	...	...	...	2,800
Number of patients discharged and died	...	...	...	...	2,386
Number of deaths during the year	...	...	...	...	414
Average number of beds occupied	...	...	...	...	294

(Highest 357 on 31/3/42 ; Lowest 285 on 3/8/42).

Number of patients seen at Venereal Diseases Clinic	...	...	451
Number of attendances at V.D. out-patient department...	...	...	7,254
Number of surgical operations under general anaesthetic	...	...	128

Preston Hospital.

	C.B.	C.C.	Total.
Number of children, including children suffering from Tuberculosis, admitted from 1/1/42 to 31/12/42	425	137	562
Number of Maternity Patients admitted from 1/1/42 to 31/12/42	285	91	376
Number of patients seen ante-natally	205	36	241
Total number of visits by ante-natal patients ...	1066	117	1183
Number of X-Ray Examinations (Preston Hospital) ...	...	...	904

Statistical Table relating to In-Patients from Tynemouth County Borough and Northumberland County Council from 1st January to 31st December, 1942.

	County Borough.	County Council.
1. Total number of admissions	1,353	840
2. Number of women confined in Hospital ...	274	66
3. Number of live births	250	62
4. Number of stillbirths	29	2
5. Number of deaths among newlyborn (In Hosp.) (i.e. under four weeks old) ... (Others)	18 2	1 —
6. Total number of deaths among children under one year	27	8
7. Number of Maternal Deaths	1	—
8. Total number of deaths	221	193
9. Number of patients discharged	1132	647
10. Number of beds occupied :—		
(a) Average during period	295	
(b) Highest—on 31st March, 1942	357	
(c) Lowest—on 3rd August, 1942	285	
11. Number of surgical operations under general anaesthetic (excluding dental operations) ...	107	
12. Number of abdominal sections... ..	10	

Tynemouth Victoria Jubilee Infirmary.

The following is a summary of the work performed in the Infirmary during 1942.

Total patients treated	4,584
(In-patients 1,455 ; Out-patients 3,129).	
Operations under general anaesthesia	1,653
Patients treated in Massage and Electrical Department (11,116 visits)	522
Examinations in X-Ray Department	5,722
Specimens Examined in Laboratory	407

Frater Maternity Home.

This Maternity Home is under the control of the Public Health Committee, and is administered in co-operation with the Tynemouth Victoria Jubilee Infirmary, one Matron acting for both Institutions. General Practitioners attend their own patients in the Home. Part of the cost of the Services under the local scheme is recovered from the Patients, in accordance with a scale of charges based on the family income.

102 patients were admitted during the year, resulting in 102 confinements, (two sets of twins) four of which were stillbirths. The total births were 104 of whom 49 were males and 55 females.

As a matter of routine, swabs are taken from patients on admission, and of 173 total examinations made, 5 swabs showed streptococci.

Average duration of residence per patient was 14.41 days. Medical Aid was summoned in 40 cases, 35 for the Mother and 5 for the Child. There were no Deaths during the year.

Balkwell Smallpox Hospital.

During the year this Hospital was not available for the admission of patients, but at the present moment it is being prepared for the re-admission of Smallpox Cases.

Moor Park Hospital.

TABLE SHOWING ADMISSION, DISCHARGES AND DEATHS DURING 1942.

Disease.	Patients in Hospital on 1/1/42.	Admitted.	Discharged.	Died.	Remaining in Hospital, 31/12/42.
Diphtheria ...	22	233	208	11	36
Scarlet Fever ...	6	40	44	—	2
Tuberculosis ...	13	14	16	2	9
Enteric Fever ...	1	2	2	1	—
Measles ...	—	8	6	—	2
Other Cases ...	—	40	39	1	—
Totals ...	42	*337	315	15	49

* Of the 337 cases admitted during the year, 63 were Service Cases, viz.: 21 Diphtheria ; 2 Scarlet Fever ; 7 Tonsillitis ; 5 Vincents Angina ; 10 Mumps ; 7 Measles ; and 11 other cases.

The total number of days spent in hospital by patients during the year was 13,106 or an average of 39.0 days per patient.

REGISTRATION OF NURSING HOMES.

One Nursing Home is registered under the Public Health Act, 1936.

INSTITUTIONAL PROVISION FOR UNMARRIED MOTHERS AND ILLEGITIMATE INFANTS, HOMELESS CHILDREN, AND OTHER CHILDREN.

Under the above provisions, the following work was done during the year.

Tynemouth Rescue and Preventive Association. (Voluntary—Subsidised by Council). Cases investigated 88; Cases placed in homes 6; Visits paid and received 917.

Public Assistance Committee, Tynemouth County Borough.

Admitted to Homes :—Orphans 3; Deserted Children 1; Illegitimate Children 11; Others 69; Total 84.

Admitted to Institution :—Unmarried Mothers 26; Illegitimate Children 26; Total 52.

INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

The following table shows the Institutions used by the Local Authority and the number of patients under treatment at the end of 1942.

		Prudhoe Hall Colony. Northumb'land N.E. Co. Boro Joint Board.	Harton Poor Law Institution. South Shields Co. Boro.	*Howbeck House Poor Law Institution. W. Hartlepool Co. Boro.	Durran Hill House, Carlisle. R.C. Certified Institution.	Mossdale State Inst'n., Maghull, Liverpool, Board of Control for violent cases.
Feeble-minded	M.	37	2	—	—	3
	F.	28	—	1	—	—
Imbeciles	M.	8	2	1	—	—
	F.	6	—	1	1	—
Idiots	M.	2	—	—	—	—
	F.	1	—	—	—	—

* Part of premises a certified institution.

Mental Defectives are also admitted from time to time to Preston Road Institution, North Shields as a "place of safety" pending removal to an approved Institution.

In addition the following cases are under Statutory Supervision :—

Males 42; and Females 52; (including 2 on leave of absence on licence in the Borough).

BLIND PERSONS.

The total number of Blind Persons on the Register at the end of the year was 157. Under Section 176 of the Public Health Act, 1936, for the prevention of blindness and for the treatment of eye disease or injury, 31 cases were dealt with.

MATERNITY AND CHILD WELFARE.

MARGARET B. STEEL, M.B., Ch.B., D.P.H.,

Maternity and Child Welfare Medical Officer.

The attendances at the Maternity and Child Welfare Clinics show a slight increase compared with those of last year.

MUNICIPAL MIDWIFERY SERVICE.

This scheme, instituted in accordance with the provisions of the Midwives Act, 1936, has continued to give satisfactory service throughout the period under review, during which time 346 births were attended by Municipal Midwives, who attended 299 as Midwife, and 47 in the capacity of Maternity Nurse.

The daily Ante-Natal Clinics, held at the Public Health Department, at which the Municipal Midwives attend on set days for the convenience of their own patients, were reasonably well attended, and a total of 525 new cases were examined. Abnormalities found to be present in the condition of a patient are immediately reported by the Maternity and Child Welfare Medical Officer to the patient's own medical practitioner, and during 1942 there were 16 such cases reported.

Ante-Natal Clinics were also held at the Tynemouth Victoria Jubilee Infirmary, and at Preston Hospital, for the convenience of patients booking at these Institutions, and the following table shows the total Ante-Natal Clinical Attendances for the year.

Centre.	Total New Cases.	Total Attendances.	Average Attendances.
Municipal Clinic ...	525	2,436	4.64
Preston Hospital ...	340	1,183	3.47
T.V.J. Infirmary ...	240	353	1.47
Totals ...	1,105	3,972	3.59

12 Midwives notified their intention to practice in the County Borough of Tynemouth Area, in addition to the eight Midwives engaged in the Municipal Midwifery Service, and a total of 610 cases were attended, 212 of which were attended as Maternity Nurse.

A summary of attendances is given below :—

Municipal Midwives attended as	midwife ...	299	}	346
„ „ „	maternity nurse...	47		
Institutional Midwives	midwife ...	92	}	217
(T.V.J.I. and Frater Home),,	maternity nurse...	125		
Private Midwives	midwife ...	7	}	47
„ „ „	maternity nurse...	40		

MEDICAL AID.

In accordance with the regulations of the Central Midwives' Board, Medical Aid was summoned in 239 cases, 204 for the Mother, and 35 for the Child.

NOTIFICATION OF BIRTHS.

A total of 989 births were registered during the year (948 live and 48 stillbirths), and were notified as follows :—

Notified by Doctors ...	20
Notified by Midwives ...	616
Notified by Others ...	353

4 births were not notified, but immediately on the requirements of the Notification of Births Act being brought to the notice of the persons concerned, these were officially intimated.

STILLBIRTHS.

The figure of stillbirths registered for this Borough, as given by the Registrar-General, for the year, was 51. Included in this number are 7 illegitimate stillbirths.

PUERPERAL PYREXIA.

10 cases were notified during the year, all of which were admitted to Hospital.

Of the total cases notified :—

- 5 were attended at birth by Midwives.
- 5 „ „ „ Doctors.
- 6 cases attended Ante-Natal Clinics.

POST-NATAL CLINICS.

As mentioned in previous Annual Reports, no great number of cases attend the special Post-Natal Clinics held at the Public Health Department daily, patients preferring to attend the Child Welfare Clinics held three times per week, during the afternoon, when they attend with their children. Opportunity has been given during the past year for mothers to make Post-Natal enquiries at these afternoon sessions, and a fair average of cases have been examined, and advice given.

ULTRA-VIOLET LIGHT CLINICS.

Clinics are held twice each week at the Public Health Department. Conditions treated during the past year were, Rickets 8; Debility and Anaemia 5; Other Causes 5; a total of 18 cases, who made 368 attendances.

MILK (MOTHERS AND CHILDREN) ORDER.

A Milk Depot, administered by the Local Authority, and assisted by Voluntary Workers, is in operation, and provides for necessitous pregnant and nursing mothers, and children under 1 year of age. During the year a total of 24,208 lbs. of Dried Milk was distributed at cost price.

The total amount expended by the Local Authority on the purchase of Dried Milk during the year was £2,224. 9s. 8d. In addition under the National Dried Milk Scheme 9,355 lbs. were distributed.

CHILD WELFARE.

Three Clinics are held weekly for the weighing of children, whilst consultations concerning the health and feeding, together with general advice, are given to mothers.

Treatment for ear, nose and throat conditions, and defective vision is given by the Schools Medical Officer, and also at the Tynemouth Victoria Jubilee Infirmary, at which Institution cases of Dental caries are also treated. Minor operative or any surgical treatment is also available at the Out-Patient Department of this Infirmary.

HEALTH VISITING AND INFANT HYGIENE.

11,882 visits were made by the Health Visitors during the year, and a summary of these visits is given below :—

Infants under 1 year : First visits 801 ; Re-visits 2,454	...	3,255
Infants between one and five years	... ..	8,582
Ante-Natal Cases Visited	... ..	45
		<hr/>
		11,882
		<hr/>

During the year, 40 visits were made by the nurses engaged in the County Nursing Association Scheme for Home Nursing.

The following table shows the number of children on the register and the number of re-visits made during the year in each age group (Nett births in the area during 1942 numbered 908) :—

Age Periods.	Number on Register, December, 1942.	Number of Re-visits made during 1942.	No. receiving Medical Inspection at M. & C.W. Centre.	No. of attendances for Medical Inspection during 1942.
0-1 year ...	543	2,454	862	4,848
1-2 „ }	586	2,347	501	1,371
2-3 „ }		2,289		
3-4 „ }		1,932		
4-5 „ }		2,014		

INFANT LIFE PROTECTION.

The Infant Life Protection Visitor, is a member of the staff of the Public Health Department (Health Visitor) and works in close co-operation with the School Nurses of the Local Authority.

During the year 19 visits were made, and the following notices were received :—

Reception of nurse child ...	...	...	3.
Removed to care of Mother ...	...	...	3.
Legally adopted ...	...	...	nil.

NURSERY SCHOOLS.

There are two Nursery Schools in the Borough, both of which have places for 80 children. Dr. Margaret B. Steel, the Maternity and Child Welfare Officer acts as Hon. Medical Adviser to both schools.

These schools have been closed owing to the war, and the children are now evacuated to the country.

SECTION C.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER.

Chemical and Bacteriological analysis of water samples are performed for the Local Authority, by the Public Analysts for the Borough in their Laboratory at Newcastle-upon-Tyne.

SWIMMING POOLS.

There are two Open-Air Salt Water Swimming Pools situated within the Borough. Periodically samples of water have been taken, and have attained a satisfactory standard.

SANITARY INSPECTION OF THE BOROUGH.

C. A. MURRAY, Cert. S.I.B., Cert. Meat Inspection,
Senior Sanitary Inspector.

PUBLIC HEALTH DEPARTMENT,
TYNEMOUTH,

August, 1943.

To THE MAYOR, ALDERMEN AND COUNCILLORS,
YOUR WORSHIP, LADIES AND GENTLEMEN,

I beg to submit herewith my Annual Report on the Sanitary Inspection of the Borough for the year 1942. This report has been curtailed on the instructions of the Minister of Health.

I have the honour to remain,
Your obedient Servant,

C. A. MURRAY,
Senior Sanitary Inspector.

SANITARY INSPECTION.

Total number of inspections made	...	...	...	...	8,030
Total number of re-inspections made	...	...	...	...	2,907

Dwellinghouses.

						Inspection. tions.	Re- inspections.
Ordinary	...	...	...	...	...	10	1
Infectious Diseases	...	...	...	...	...	463	62
Housing Act (Sec. 9, 10 and 16)	...	...	...	...	...	20	8
„ (Special Surveys)	...	...	...	...	...	—	—
„ (Overcrowding)	...	...	...	...	...	12	10

Sanitary Conveniences.

Water Closets	...	...	...	...	...	115	25
Privies and Tub Closets	...	...	...	...	...	—	5
Urinals	...	...	...	...	...	28	—

Refuse Storage.

Accumulation	...	...	...	...	...	35	15
Ashbins	...	...	...	...	...	1	—
Ash-places	...	...	...	...	...	1	—

Drains.

Inspections	...	...	...	...	...	439	349
Smoke Tests	...	...	...	...	...	97	7
Chemical Tests	...	...	...	...	...	35	2
Water Tests	...	...	...	...	...	55	4
Sewers	...	...	...	...	...	51	16
Cesspools	...	...	...	...	...	—	—

Factories and Workplaces.

Factories with mechanical power	27	4
Factories without mechanical power (excluding Bakehouses, including Stables, Restaurant kitchens, etc.)	...	...	55	16
Bakehouses with mechanical power	...	...	24	—
Bakehouses without mechanical power	...	...	30	4
Outworkers	...	...	—	—

Miscellaneous.

Civil Defence Services and War Damage	...	1,048	40
Billets—H.M. Forces	...	31	—
Butchers' Shops and Depots	...	144	1
Dairies, Milk Shops, Stores and Cowsheds	...	299	3
Dangerous Structures	...	1	—
Fish Merchants' Shops and Stores	...	35	1
Ice Cream Premises	...	—	—
Lodging Houses	...	12	—
Meetings with Owners or Tradesmen	...	439	—
Miscellaneous Visits	...	408	1
Offensive Trades, including Fish Frying	...	20	—
Piggeries	...	27	—
Slaughterhouses, Private	...	9	1
Special Notices of Slaughter	...	4	—
Smoke Observation	...	2	—
Shops Act Inspections	...	100	11
Special Visits	...	298	4
Sanitary Inspections	...	72	—
Visits under Rats and Mice Destruction Act	...	203	223
Cooked Food Preparers	...	23	3
Street Gullies	...	15	—
Yards and Courts	...	—	—
Streets and Back Roads	...	3	—
Verminous Premises	...	125	109
Animals, Poultry, etc.	...	1	—
Nuisances	...	446	1,862
Meat and Foods Inspections	...	313	24
Fish Quay	...	3	—
Fish Curers	...	4	3
Premises where work has been carried out by verbal notice	...	99	—

Complaints.

Matters referred to other Departments	...	...	28
Complaints received	...	...	774
Complaints confirmed	...	...	655
Nuisances found...	...	...	446

Nuisances and Defects Remedied during 1942.

	Public Health Acts.		Housing Acts.	Tynemouth Corporat'n. Act.
	Informal.	Statutory.	Statutory.	Statutory.
No. of defects remedied under 1941 notices	40	21	—	17
Informal notice defects transferred to statutory notices...	42	—	—	—
No. of defects remedied under 1942 notices... ..	299	54	—	191
No. of defects outstanding at end of 1942	28	60	—	—

THE FACTORY ACT, 1937.—Inspections.

Type of Premises.	Number of		
	Inspections.	Written Notices.	Occupiers Prosecuted.
Factories with mechanical power ...	27	1	—
Factories without mechanical power ...	55	1	—
Other premises under the Act (excluding Outworkers' premises)	—	—	—
Totals	82	2	—

The following defects were dealt with on receipt of notices from H.M. Inspector of Factories, and remedied in the course of inspections.

Particulars.	Number of Defects.			No. of defects in respect of which Prosecutions were instituted.
	Found.	Remedied.	Referred to H.M. Inspector.	
Want of cleanliness (S. 1) ...	3	2	—	—
Overcrowding (S. 2)	—	—	—	—
Unreasonable temperature (S. 3)	—	—	—	—
Inadequate ventilation (S. 4) ...	—	—	—	—
Ineffective drainage of floors (S 6)	1	1	—	—
Sanitary conveniences (S. 7) :—				
Insufficient	—	—	—	—
Unsuitable or defective ...	3	2	—	—
Not separate from sexes ...	—	—	—	—
Other offences	1	1	—	—
Totals	8	6	—	—

There was a total of 204 factories on the Register at the end of the year, 132 with mechanical, and 72 without mechanical power.

OUTWORKERS.

One notice under Section 110 of the Factories Act, 1937, was received during the year, and on inspection, the premises were found to be in a satisfactory condition.

BAKEHOUSES.

There were 42 premises on the Register at the end of the year, all of which were inspected regularly. It was not necessary to serve any notices during the year.

SHOPS ACT, 1934 (Section 10).

Under the provisions of the above Act, 100 visits were made to inspect sanitary conveniences and other arrangements for the welfare of the assistants.

RATS AND MICE (DESTRUCTION) ACT, 1919.

During the year, 446 visits were made by the Inspectors to 203 premises for the purpose of ascertaining Rat Infestation, and in consequence 19 notices were served with successful results.

ERADICATION OF BED BUGS.

(1)	(a)	Number of Council Houses	...	...	...	10
	(b)	Number of Other Houses	...	...	...	25
	(c)	Total number of Houses infested	...	...	...	35
	(d)	Number of Houses de-infested	...	...	...	35

(2) The methods employed for freeing infested houses from Bed bugs :—Spraying with Insecticide (7aldecide) after preparation of room e.g., stripping off wallpaper and removing skirting boards, etc., Infested bedding de-infested at Steam disinfector.

(3) The methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council Houses :—Six hours concentrated fumigation with Sulphur Dioxide (2.8% S.O.) Gas being kept circulating by means of Electric Fans.

(4) Whether the work of deinfestation is carried out by the Local Authority or by a Contractor :—All deinfestation is carried out by experienced men employed directly by the Local Authority.

Deinfestation of privately-owned and occupied property is not carried out by the Department. The services of a Sanitary Inspector are given in an advisory capacity, spray being loaned free of charge, and insecticide sold at cost price.

SEAMEN'S AND COMMON LODGING HOUSES.

There were three Seamen's Lodging Houses on the Register at the end of the year, containing a total of 64 beds. 12 visits were made during the year, and all was found to be satisfactory. The Chief Constable also made inspections during the year, and reported his satisfaction.

RAG FLOCK ACT, 1911 AND 1928.

There were no samples obtained during the year.

OFFENSIVE TRADES.

Regular inspections have been made on premises at which Offensive Trades are carried on, and the Regulations have been strictly enforced. A list of Offensive Trades registered in this Borough is given below :—

Tallow Melting	...	...	...	1
Fish Liver Boiling	...	...	...	1
Fish Meal Manufacture	...	...	...	1
Tripe Boiling	...	...	...	5
Fish Manure Manufacture	...	...	...	1
Gut Scraping	...	...	...	1
Fish and Potato Frying	...	...	...	29
Total				39

During the year one Fried Fish Shop restarted, and one business was transferred to a new occupier.

INSPECTION AND TESTING OF DRAINS.

The total number of tests made during the year was 183 of which 97 were Smoke Tests, 31 Chemical Tests and 55 Water Tests. The drains and sanitary conveniences of new buildings are dealt with by the Borough Surveyor's Staff.

SECTION D. HOUSING.

There were no new dwellings erected under the Corporation Housing Scheme during the year.

NEW HOUSES ERECTED DURING 1942.

(A) Total number of Houses Erected :—

- | | | | | | |
|-----|----------------------------|-----|-----|-----|------|
| (1) | By the Local Authority | ... | ... | ... | Nil. |
| (2) | By other Local Authorities | ... | ... | ... | Nil. |
| (3) | By other bodies or persons | ... | ... | ... | Nil. |

(B) Houses erected with State Assistance under the Housing Acts (Included in A above).

(1) By the Local Authority :—

- | | | |
|-----|--|------|
| (a) | For the purpose of Part II of the Act (1925) | Nil. |
| (b) | Do. Part III do. | Nil. |
| (c) | For other purposes | Nil. |
| (d) | Housing Act, 1936 | Nil. |

The above information has been supplied by the Borough Surveyor.

I.—Inspection of Dwellinghouses during the Year.

(1) (a) Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts	601
(b) Number of inspections made for the purpose ...	601
(2) (a) Number of dwellinghouses included under sub-head (1) above which were inspected and recorded under the Housing Consolidation Regulations, 1925-1932	Nil.
(b) Number of inspections made for the purpose ...	Nil.
(3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil.
(4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects, reasonably fit for human habitation	601

II.—Remedy of Defects during the Year without Service of Formal Notice.

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers	245
---	-----

III.—Action under Statutory Powers during the Year.

(A) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.	
(1) Number of dwellinghouses in respect of which notices were served requiring repairs... ..	Nil.
(2) Number of dwellinghouses which were rendered fit after service of formal notices :—	
(a) By Owners	Nil.
(b) By Local Authority in default of Owners ...	Nil.
(B) Proceedings under Public Health Acts.	
(1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied ...	292
(2) Number of dwellinghouses in which defects were remedied after service of formal notices :—	
(a) By Owners	182
(b) By Local Authority in default of Owners ...	109
(C) Proceedings under Sections 11 and 13 of the Housing Act, 1936.	
(1) Number of dwellinghouses in respect of which Demolition Orders were made	Nil.
(2) Number of dwellinghouses demolished in pursuance of Demolition Orders	Nil.

(D) Proceedings under Section 12 of the Housing Act, 1936.

(1) Number of separate tenements or underground rooms
in respect of which Closing Orders were made ... Nil.

(2) Number of separate tenements or underground rooms
in which Closing Orders were determined, the tene-
ment or room having been rendered fit ... Nil.

HOUSING ACT, 1936.—PART IV.—OVERCROWDING.

Owing to war conditions it is impossible to give a statement on the position of overcrowding in the Borough. It is anticipated that on the termination of hostilities, a new survey will be required.

No prosecutions were undertaken under the overcrowding provisions of the Housing Act, 1936, during the year.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

MILK SUPPLIES.

There were 13 Cowkeepers with 26 cowsheds housing 286 cows on the Register at the end of the year.

During the year, Veterinary Inspectors of the Ministry of Agriculture and Fisheries examined the herds of Accredited Producers on 7 occasions. In addition 4 special visits and inspections was made. As a result of these visits, 4 animals were dealt with under the Tuberculosis Order, 1938.

50 visits were made to cowsheds and 299 visits were made to dairies, milk shops, etc., and all infringements of the Milk and Dairies Acts and Orders were dealt with satisfactorily.

Consignments of milk coming into the Borough by road or rail, and the condition of the empty churns returned, received attention.

Milk Retailers.

Applications for registration received	...	...	...	24
Applications for registration granted	...	...	...	24
Number of Milk Dealers on the Register	...	...	...	171
Dairy premises registered during the year	...	...	...	2
Producers and cowkeepers, wholesale dealers, registered				
during 1942	...	...	...	1
Applications withdrawn	...	...	...	Nil.
Retailers relinquishing registration...	...	...	...	17

MILK (SPECIAL DESIGNATIONS) ORDER.

The following table gives the various grades for which licences were granted :—

Dealers' Licences to sell Tuberculin Tested Milk	...	4
Supplementary Licences to sell Tuberculin Tested Milk...	...	5
Producers' Licences for Accredited Milk	... ..	5
Supplementary Licences for Accredited Milk	... ..	—
Dealers' Licences to sell Accredited Milk	... ..	—
Dealers' Licences to sell Pasteurised Milk	... ..	11
Dealers' Licences to bottle Tuberculin Tested Milk	...	4
Dealers' Licences to bottle Accredited Milk	... ..	1

MILK SAMPLES FOR BACTERIOLOGICAL EXAMINATION.

During the year, 69 samples of Milk were taken for examination and submitted to the Public Health Laboratory, Newcastle. Of the total samples taken 41 were from sources within the Borough, and 28 from outside. In addition, 4 samples of Pasteurised Milk were submitted to the Public Analyst for the Phosphatase Test.

Of the above, 49 samples were examined for Tubercle Bacilli, two of which gave positive results. Appropriate action was taken under the Tuberculosis Order, 1925/38, resulting in the slaughtering of two animals.

RESULTS OF BACTERIOLOGICAL EXAMINATIONS OF MILK.

				Total.	Passed.	Failed.
Accredited Milk.	Methylene Blue Test	...	...	22	22	—
	Coliform Test	...	...	27	25	2
	Tubercle	...	...	21	19	2
	Plate Count	...	...	6	5	1
Pasteurised Milk.	Plate Count	...	...	16	7	9
	Tubercle	...	...	5	5	—
	Phosphatase Test	...	...	4	4	—
	Coliform Test	...	...	8	3	5
Ordinary Milk.	Coliform Test	...	...	22	18	4
	Plate Count	...	...	22	22	—
	Tubercle	...	...	23	23	—
Total Graded Milks				42		
Total Ordinary Milks				27		
Total Samples Taken				69		

TYNEMOUTH CORPORATION ACTS, 1916-1934.

Regulations made under the Acts are in force, and no persons are permitted to use premises for the preparation of food unless they are registered by the Local Authority, who have power to refuse registration if, in their opinion, the premises are unsatisfactory.

Prior to the ban on the manufacture of Ice Cream (S.R.O. 1962), which came into operation on the 24th September, 1942, there were 76 persons in the Borough registered as occupiers of premises in which Ice Cream is sold or manufactured. 89 persons are registered as owners or occupiers of premises in which Preserved Meat, Fish Cakes, or other foods are prepared. These figures do not include premises used for the business of Fish and Potato Frying.

167 visits were made during the year to supervise and emphasise the need for cleanliness in the handling of food. No serious negligence was discovered.

FOOD AND DRUGS.

MILK AND CREAM REGULATIONS, 1912-1927.

- (1) Milk and Cream not sold as Preserved Cream. The following samples were examined for the presence of a preservative : Milk 107 ; Cream Nil ; and Tinned Cream Nil. No preservatives were reported to be present in any of the foregoing samples.
- (2) Thickening Substances. No evidence was found of any addition of thickening substances to Cream during the year.

ARTIFICIAL CREAM ACT, 1929.

There were no samples taken under this Act during the year.

SALE OF FOOD AND DRUGS (ADULTERATION) ACT, 1928.

SAMPLES TAKEN FOR CHEMICAL ANALYSIS.

TABLE I.

Articles Analysed.	Total.	No. of Samples taken for Analysis.		No. found to be Adulterated.		Percentage of Samples Adulterated.	
		In-formal	For-mal.	In-formal	For-mal.	In-formal	For-mal.
						%	%
Acid Ferment	1	1	—	—	—	—	—
Artificial vinegar	12	9	3	1	1	11.11	33.33
Baking Powder	2	2	—	—	—	—	—
Balsam of Aniseed	1	1	—	—	—	—	—
Bicarbonate of Soda	1	1	—	—	—	—	—
Borax Ointment	1	1	—	1	—	100	—
Boracic Ointment	1	1	—	—	—	—	—
Bronchial Mixture	1	1	—	—	—	—	—
Butter	8	8	—	—	—	—	—
Castor Oil	4	4	—	—	—	—	—
Cauliflower (Pickled)	1	1	—	—	—	—	—
Cheese	6	6	—	—	—	—	—
Chlorophos Tablets	1	1	—	—	—	—	—
Cocoa	6	6	—	—	—	—	—
Coffee	4	4	—	—	—	—	—
Coffee Extract	1	1	—	—	—	—	—
Coffee with Chickory	1	1	—	—	—	—	—
Condensed Milk (Full Cream)							
Sweet	4	4	—	—	—	—	—
Cond. Milk (Machine Skm.)	9	9	—	—	—	—	—
Curry Powder	1	1	—	—	—	—	—
Dripping... ..	5	5	—	2	—	40	—
Egg Substitute	4	3	1	1	1	33.33	100
Fish Paste	2	2	—	—	—	—	—
Carried forward	77	73	4	5	2	—	—

Articles Analysed.	Total.	No. of Samples taken for Analysis.		No. found to be Adulterated.		Percentage of Samples Adulterated.	
		In-formal	For-mal.	In-formal	For-mal.	In-formal	For-mal.
Brought forward ...	77	73	4	5	2	%	%
Ground Nut Oil ...	3	3	—	—	—	—	—
Ginger Wine Essence ...	1	1	—	—	—	—	—
Glycerine Lemon & Honey ...	1	1	—	—	—	—	—
Gregory Powder ...	2	2	—	—	—	—	—
Glycerine ...	1	1	—	—	—	—	—
Herrings in Tomato Sauce ...	1	1	—	—	—	—	—
Iodine Ointment ...	1	1	—	1	—	100.0	—
Ketchup ...	2	2	—	—	—	—	—
Lard & Cotton Seed Oil ...	1	1	—	—	—	—	—
Licquorice Powder ...	1	1	—	—	—	—	—
Lard ...	8	8	—	—	—	—	—
Lemon Flavouring ...	1	1	—	—	—	—	—
Meat Roll ...	1	1	—	—	—	—	—
Meat Paste ...	1	1	—	—	—	—	—
McLean's Powder ...	4	4	—	—	—	—	—
Margarine ...	8	8	—	—	—	—	—
Mustard ...	1	1	—	—	—	—	—
New Milk ...	73	2	71	—	1	—	1.40
Onion Flavouring ...	1	1	—	—	—	—	—
Pickling Spice ...	1	1	—	—	—	—	—
Pasteurised Milk ...	11	—	11	—	—	—	—
Pilchards ...	3	3	—	—	—	—	—
Pork Luncheon Meat ...	1	1	—	—	—	—	—
Rice ...	2	2	—	—	—	—	—
Ratafia Flavour Essence ...	1	1	—	—	—	—	—
Sulphur Ointment ...	1	1	—	—	—	—	—
Syrup of Figs ...	1	1	—	—	—	—	—
Sterilised Milk ...	10	—	10	—	—	—	—
Sauce ...	8	8	—	—	—	—	—
Sausage Meat Grade "C" ...	1	1	—	—	—	—	—
Salad Oil ...	1	1	—	—	—	—	—
Vanilla Flavouring ...	2	2	—	—	—	—	—
Wine (Non-Alcoholic) ...	1	1	—	—	—	—	—
White Pepper ...	1	1	—	—	—	—	—
Yeast Tablets ...	1	1	—	—	—	—	—
Zinc Ointment ...	4	2	2	2	2	100	100
Total ...	239	141	98	8	5	5.67	5.10

The Chemical Analysis of the above samples was carried out by the Public Analyst to the County Borough of Tynemouth Corporation, Mr. W. Gordon Carey, 10, Dean Street, Newcastle upon Tyne.

PUBLIC HEALTH (CONDENSED MILK) REGULATIONS, 1923-1927.

There were 13 samples examined during the year under these regulations.

PUBLIC HEALTH (DRIED MILK) REGULATIONS 1923-1927.

There were no samples taken under these regulations during the year,

PARTICULARS OF ADULTERATED SAMPLES.

TABLE II.

No.	Article.	Defect.	Action Taken.
156	Vinegar	Deficient in Acetic Acid by 11.5%	Letter of Caution from Town Clerk to Wholesaler.
4	Boric Ointment ...	Deficient in Boric Acid by 11.0%	Letter of Caution from Town Clerk to Wholesaler.
5	Iodine Ointment ...	Deficient in Iodine by 47.6%.	Letter of Caution from Town Clerk to Wholesaler.
7	Zinc Ointment ...	Deficient in Zinc Oxide by 26.6%	Letter of Caution from Town Clerk to Wholesaler.
12	New Milk	Deficient in non-fatty solids to extent of 4.4%	Retailer appeared before Committee. Strong letter of Caution from Town Clerk to Retailer.
75	Dripping	Contained 5.3% of Free Fatty Acids	Referred to Ministry of Food, Oils and Fats Division for Investigation.
165	Zinc Ointment ...	Deficient in Zinc Oxide by 21.3%	See Follow-up Sample No. 180/1 reported deficient.
171	Egg Substitute Powders	Deficient by 40% of total and 33% of available Carbon Dioxide.	See Follow-up Sample No. 182 reported deficient.
180	Zinc Ointment ...	Deficient in Zinc Oxide by 14.6%	17-11-42, Vendors Prosecuted Case dismissed. 23-12-42, Manufacturers Prosecuted. Fined 40/- plus 2 guineas costs.
181	Zinc Ointment ...	Deficient in Zinc Oxide by 28.0%	
182	Egg Substitute Powder.	Deficient by 25% of total and 18.3% of available Carbon Dioxide.	Letter of Caution from Town Clerk to Manufacturer.
201	Vinegar	Deficient in Acetic Acid by 10%	No Action Taken. Follow-up samples genuine.
227	Dripping	Contained 5.7% of Free Fatty Acids.	Referred to Ministry of Food, Oils & Fats Division for Investigation. Follow-up Sample reported genuine.

PUBLIC HEALTH (PRESERVATIVES IN FOOD) REGULATIONS, 1925-1927.

239 samples were examined during the year, and in no case was any infringement of the regulations discovered.

INSPECTION OF MEAT AND OTHER FOODS.

Slaughterhouses.

There now remain 15 private slaughterhouses, which are subject to annual Licence. Since the operation of the Livestock (Restrictions on Slaughtering) Order 1940, all slaughtering is now centralised at Whitley Bay under Government Control.

4 cases of special slaughter of pigs for home consumption were authorised under a Licence by the Local Officer of the Ministry of Food.

Meat coming into the town was distributed until 11th November, 1942, from four centres, which served 82 butchers. Since that date the present system of direct deliveries to butchers' shops has been in force.

Inspection of Meat.

144 visits were made to the distributing centres and shops.

SWINE FEVER.

Two cases of suspected Swine Fever were reported to the Ministry. The one outbreak confirmed by the Veterinary Inspectors resulted in the slaughter and destruction of one pig.

TOTAL AMOUNT OF UNSOUND FOOD CONDEMNED.

Food.	Tons.	Cwts.	Qtrs.	Lbs.	Ozs.
Beef	—	17	2	7	—
*Pork	—	2	3	14	—
Bacon	—	1	3	16	—
Mutton	—	—	3	14	—
Poultry	—	1	1	9	—
Rabbits	—	3	—	4	—
Fish	5	18	3	19	4
Shellfish	2	5	2	—	—
Milk (Tinned)... ..	—	3	—	20	8
Canned Meat	—	12	—	7	8
Miscellaneous Groceries	23	11	2	14	8
Totals ...	33	19	0	13	12

*Pork—2 qrs. from one pig carcase affected with swine fever.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

MEASLES AND WHOOPING COUGH.

The following table shows the number of deaths from Measles (including German Measles) and Whooping Cough together with the number of notifications received during the year.

Whooping Cough :—

Cases Notified	...	...	...	122
Deaths at all ages	...	...	...	4

Measles (including German Measles) :—

Cases Notified	...	...	...	630
Deaths at all ages	...	...	...	Nil.

DIARRHOEA AND ENTERITIS.

During the year there were 10 deaths of children under 2 years of age, which is equal to a mortality rate of 11.01 per 1,000 births.

The mortality rate for England and Wales, and the Great Towns were 5.2 and 7.5 respectively.

OPHTHALMIA NEONATORUM.

11 cases were notified during the year, two being Hospital Cases (non-residents).

In addition to cases of Ophthalmia Neonatorum, detailed above, 3 cases of Discharging Eyes were attended by the Nursing Association who made 40 visits.

PEMPHIGUS NEONATORUM.

During the year, 6 cases of Pemphigus Neonatorum were brought to my notice, and the necessary action was taken in each case.

FOOD POISONING.

There were no cases reported during the year.

NOTIFIABLE DISEASES (other than Tuberculosis) DURING THE YEAR 1942.

(Table in accordance with Ministry of Health instructions).

Civilian Cases Only.

Disease.	Total.	Total Cases Notified.										Cases admitted to Hospital.	Total Deaths	
		Under 1	1—	2—	3—	4—	5—	10—	15—	20—	35—			45—	65 & over.
Measles ...	631	26	64	75	86	109	260	6	4	1	—	—	1	—
Whooping Cough ...	122	9	9	18	14	16	53	3	—	—	—	—	—	4
Diphtheria ...	218	—	3	15	17	17	97	25	30	13	1	—	212	12
Pneumonia ...	92	8	6	2	5	4	7	4	9	14	9	18	—	34
Scarlet Fever ...	93	1	2	4	7	6	47	18	3	5	—	—	47	—
Puerperal Pyrexia ...	11	—	—	—	—	—	—	—	2	8	1	—	—	—
Enteric Fever ...	2	—	—	—	—	—	—	1	—	—	1	—	2	1
Influenzal Pneumonia ...	6	—	—	—	—	—	—	—	—	1	—	5	—	1
Smallpox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ...	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases Generally Notifiable :—														
Ophthalmia Neonatorum	11	11	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas...	29	—	—	—	—	—	—	3	2	3	3	13	1	—
Cerebro-Spinal Fever	6	1	1	—	—	—	1	1	—	—	1	1	—	—
Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Malaria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals ...	1222	57	85	114	129	152	465	61	50	45	16	37	10	52

IMMUNISATION.

The scheme for the Immunisation against Diphtheria of the child population, instituted last year, has been fairly well supported by parents.

In conjunction with the staff of the Education Department, scholars were immunised at their own schools, whilst Pre-School children were immunised at the Maternity and child Welfare Centre, a total of 3,126 children being immunised under the scheme during the year, 2,120 of which were School Children, bringing the percentage of immunised School Children now in school to 88.4, whilst 1,006 Pre-School Children were immunised, which brings the percentage of the Pre-School child population of the Borough immunised to 50.7.

DISINFECTION OF PREMISES AND ARTICLES OF CLOTHING.

The following table shows the number of rooms disinfected and the number of articles of clothing removed and disinfected at Moor Park Hospital Disinfecting Station during the year.

Disease.							Rooms.	Articles of Clothing.
Diphtheria	...	...	...	...	...	...	188	1,829
Scarlet Fever	...	...	...	...	...	...	67	361
Tuberculosis	...	...	...	...	...	...	29	225
Vermin	...	...	...	...	...	...	25	—
Measles	...	...	...	...	...	...	—	28
Other Diseases	...	...	...	...	...	...	17	644
Services and Civil Defence	...	...	...	...	...	...	—	14,573
Total							326	17,660

X-RAY EXAMINATIONS.

Radiography of contacts, suspected cases, and all notified cases of tuberculosis were carried out during the year, subsequent examinations when necessary were made as part of the routine Dispensary supervision.

972 Radiographs and 443 Screen examinations were made during the year.

CANCER.**Deaths and Death Rates from Cancer.**

	1905 -09	1910 -14	1915 -19	1920 -24	1925 -29	1930 -34	1935 -39	1940	1941	1942
Deaths	185	244	287	319	315	403	474	121	98	101
Death Rate per 1,000 living ...	0.67	0.82	1.00	0.99	0.95	1.23	1.42	2.02	1.74	1.88
Proportion of deaths per 1,000 deaths from all causes	37	51	56	72	74	99	117	144	92	128

Deaths, 1942—101. Mortality Rate per 1,000—1.88.

There are facilities for the early diagnosis and treatment in the Borough at the Tynemouth Victoria Jubilee Infirmary, where there is a complete unit including the services of an honorary consultant radiologist, and honorary consultant surgeon.

VACCINATION.

The following table gives the figures relating to the Vaccination of Infants in the Borough, for the year 1941, under the Vaccination Acts.

Births.	Vacci- nated success- fully.	Insus- ceptible	Died un- vacci- nated.	Consci- entious Objec- tors.	Post- poned by Medical Certifi- cate.	Re- moved	Unac- count- ed for.	Percentage not vaccinated including columns 5, 6, 7 & 8.
1	2	3	4	5	6	7	8	9
887	199	—	—	515	—	34	87	71.7

In addition, the following number of vaccinations were carried out during the year ended 30th September, 1942.

	Numbers of successful Primary Vaccinations of persons.			Number of Successful Re-vaccinations, i.e., Successful vaccina- tions of persons who had been successfully vaccinated at some previous time.
	Under one year of Age.	One year and upwards.	Total.	
By the Public Vaccinators, under the Vaccination Acts	137	6	143	5
By the Medical Officer of Health, under the Provision of the Public Health (Smallpox) Regulations, 1917	0	0	0	0

TUBERCULOSIS.**New Cases and Mortality from Pulmonary and Non-Pulmonary Forms of Tuberculosis during 1942.**

Age Periods.	New Cases.				Deaths (Registrar-General).			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ...	—	—	1	—	—	—	1	—
1- 5 ...	—	1	1	1	2	—	1	1
5-10 ...	—	—	1	1	—	—	—	—
10-15 ...	2	1	1	—	—	1	—	1
15-20 ...	5	1	1	—	—	3	1	—
20-25 ...	8	6	—	—	2	6	1	—
25-35 ...	6	3	1	2	4	3	1	—
35-45 ...	7	4	—	—	6	1	—	—
45-55 ...	13	1	—	—	9	3	—	—
55-65 ...	5	1	—	—	6	2	—	—
65 and over...	—	—	—	—	2	1	1	—
Totals ...	46	18	6	4	31	20	6	2

The total number of notifications received was 81 relating to 74 new cases (64 adults, 10 children) ; 7 of the total number were notified more than once.

- (1) **Pulmonary Tuberculosis** :—Deaths 51 ; mortality rate per 1,000 is equal to 0.95.
- (2) **Non-Pulmonary Tuberculosis** :—Deaths 8 ; mortality rate per 1,000 is equal to 0.15.

TYNEMOUTH CARE COMMITTEE.

Mr. H. W. Welch, the Hon. Financial Secretary of the Tynemouth Care Committee reports that during the past year, the number of cases assisted was 11. Of this number 9 were granted extra nourishment, consisting of special quantities of eggs, and milk, to approved cases of Tuberculosis. The 2 remaining cases were supplied with surgical appliances.

The income of this Committee consists of an annual grant from the Tynemouth Corporation and from donations received from the Employees of the Newcastle and Gateshead Gas Co., and the Employees of Messrs. Smith's Dock Co. (Hospital Committee). A donation was also received from Mrs. Oulds, Princeway, Tynemouth.

Grateful thanks are expressed to these donors.

ULTRA-VIOLET LIGHT THERAPY.

The total number of patients treated at the Clinic during the year was 105, made up of 25 adults and 80 children, the result of the treatment given being as follows :—

35 were discharged, healed or quiescent ; 30 improved ; 28 remained stationary ; and 12 cases ceased to attend.

REPORT UPON DISPENSARY AND INSTITUTIONAL TREATMENT FOR 1942.

Diagnosis.	Pulmonary.				Non-Pulmonary.				Total.				Grand Total.
	Adults.		Children		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A.— (1) Number of definite cases of Tuberculosis on the Dispensary Register at the beginning of the year	113	66	32	30	12	14	39	25	125	80	71	55	331
(2) Transfers from other Authorities ...	—	—	—	—	—	—	—	—	—	—	—	—	—
(3) Lost sight of cases returned	1	—	—	—	—	—	—	—	1	—	—	—	1
B.— Number of new cases diagnosed as tuber- culosis :—													
(1) Class T.B. Minus	35	8	1	1	—	—	—	—	35	8	1	1	45
(2) Class T.B. Plus	7	6	1	—	—	—	—	—	7	6	1	—	14
(3) Non-Pulmonary	—	—	—	—	2	—	2	3	2	—	2	3	7
C.— Number of cases in- cluded in A and B written off the Dis- pensary Register :—													
(1) Recovered ...	13	4	7	3	2	3	10	2	15	7	17	5	44
(2) Dead (all causes)	24	10	—	—	1	1	—	—	25	11	—	—	36
(3) Removed to other Areas ...	8	6	2	2	—	1	6	—	8	7	8	2	25
(4) For other reasons	1	1	3	2	—	—	5	4	1	1	8	6	16
D.— Number of definite cases of Tuberculosis on the Dispensary Register at the end of the year	110	59	22	24	11	9	20	22	121	68	42	46	277

1. Number of attendances at the Dispensary (including contacts) ... 1,273
2. Number of consultations with Medical Practitioners (personal) ... 168
3. Number of visits by Nurses or Health Visitors to homes for Dispensary purposes 2,101
4. Number of visits by Tuberculosis Officers to homes (including personal consultations) 3
5. Number of :—
 - (a) Specimens of Sputum, etc., examined 477
 - (b) X-Ray examinations made in connection with Dispensary work 972

VENEREAL DISEASES.

The Centres available for the treatment of venereal diseases are the Joint Committees' Clinic, Newcastle, and the Auxiliary Centre at Preston Hospital, Tynemouth, and at the Public Health Department, for females and children.

The number of persons from Tynemouth treated at the various clinics in the district is given below:—

Disease.	Treatment Centres.			
	Newcastle.	South Shields.	Tynemouth.	Other Centres.
Syphilis	15	—	51	—
Soft Chancre	1	1	1	—
Gonorrhoea	12	3	41	—
Conditions other than venereal	27	8	42	1
Total new cases from Tynemouth	55	12	135	1
Attendances	779	20	4,513	13

The attendances at the Preston Hospital Clinic, and Public Health Department Clinic, Tynemouth (including those made by foreigners and non-residents, not included in the above table), are :—

	Preston Hospital Clinic, Tynemouth.			
	Residents.	Non-Residents.	Foreigners.	Total.
New Cases	135	49	55	239*
Attendances (all cases) ...	4,513	1,335	1,406	7,254

* Of the above cases 568 attendances were made by 10 Service patients.

The sources from which specimens were sent during 1942 are indicated in the following table :—

Nature of Test.	Newcastle V.D. Clinic.	Tynemouth V.D. Clinic.	Other Centres.	Private Practitioners.	Tynemouth Infirmary.
Blood :—Kahn Test	—	—	15	—	—
Wasserman reaction	108	347	189	27	10
Gonococcal fixation	27	10	6	—	—
Cerebro-Spinal Fluid :—					
Wasserman	4	6	1	—	1
General examination	4	—	1	—	—
Microscopical Examination ...	—	19	—	—	—
Totals	143	382	212	27	11

SECTION G.**MISCELLANEOUS.****CIVIL DEFENCE.**

The work of organising and supervising the First Aid and Casualty Service of the Civil Defence Organisation of this Borough, has continued to occupy a large part of the time of certain members of the Public Health Department Staff.

There is now in operation two Fixed First Aid Posts, each having facilities for the decontamination of injured persons, and two Public Gas Cleansing Centres for the decontamination of un-injured. Ambulance facilities are situated in close proximity to each First Aid Post, and also dispersed throughout the Borough at each First Aid Party Depot, and at First Aid Party Headquarters, Masonic Hall, Albion Road, North Shields. In addition there are four Mobile Gas Units and two Mobile First Aid Units garaged centrally and dispersed to action stations on the sounding of the "Alert."

Control.—The direction of the Casualty Services is carried out by the Medical Officer of Health, who is assisted by Mr. G. G. Ellis (a member of the staff of the Public Health Department) as Staff Officer, and Mr. J. Cox, as Transport Officer.

Decontamination is under the direction of the Senior Sanitary Inspector, Mr. C. A. Murray.

The two fixed First Aid Posts in the Borough are under the direction of Doctors Martin and Paterson, general medical practitioners, who, in an emergency, are assisted by Doctors Muirhead and Graham.

Personnel.—There has been some reduction of personnel in the Casualty Services of the Borough, now reducing the Whole-time paid strength to 12 teams, having at their disposal 11 ambulances and 11 cars, the balance of personnel required to bring the strength up to that authorised being drawn from part-time volunteers.

The training of First Aid Party personnel is carried out under the direction of Dr. R. M. White, the Assistant Medical Officer of Health, whilst Doctors Martin and Paterson are responsible for the training of First Aid Post personnel. Instruction in decontamination and anti-gas methods has been carried out by Inspector C. A. Murray and Mr. J. A. Ratcliffe, both fully qualified A.R.P.S. Instructors.

A very high standard of efficiency has been maintained throughout the year.

APPENDIX.

TABLE I.

VITAL STATISTICS OF THE COUNTY BOROUGH OF TYNEMOUTH DURING 1942 AND PREVIOUS YEARS.

Year.	Births.		Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
	Nett.		Number.	Rate.	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
	Number.	Rate.					Number	Rate per 1,000 Nett Births.	Number.	Rate.
1933	1,135	17.25	1,063	16.1	238	48	96	84	873	13.27
1934	1,172	17.77	1,022	15.5	229	47	85	77	840	12.73
1935	1,201	17.38	1,033	15.3	255	46	76	63	824	12.23
1936	1,209	18.10	1,022	15.3	286	37	78	65	773	11.57
1937	1,087	16.25	1,135	16.9	323	46	72	66	858	12.83
1938	1,104	16.60	1,054	15.8	307	50	67	61	797	11.98
1939	1,119	16.70	1,038	15.9	303	57	76	68	792	12.14
1940	1,060	17.74	1,139	19.2	299	65	71	67	840	14.06
1941	897	15.95	1,244	22.1	274	96	85	95	1,066	18.95
1942	908	16.97	947	17.5	231	71	84	92	787	14.71

TABLE II.

Registrar-General's List of Causes of Death at different periods
of life in the County Borough of Tynemouth during 1942.

MALES.

Short List No.	Causes of Death.	Under 1 Year.	1 to 5	5 to 15	15 to 45	45 to 65	65 and over.	Total all Ages.
1	Typhoid and Paratyphoid Fever... ..	—	—	—	1	—	—	1
2	Cerebro-spinal Fever	1	1	—	—	—	—	2
3	Scarlet Fever	—	—	—	—	—	—	—
4	Whooping Cough	1	—	—	—	—	—	1
5	Diphtheria	—	1	5	—	—	—	6
6	Tuberculosis of Respiratory System	—	1	—	11	14	2	28
7	Other Forms of Tuberculosis... ..	1	2	—	3	1	—	7
8	Syphilitic Disease	—	1	—	1	3	—	5
9	Influenza	—	—	—	—	—	—	—
10	Measles	—	—	—	—	—	—	—
11	Acute Poliomyelitis and Polioencephalitis	—	—	—	—	—	—	—
12	Acute Infectious Encephalitis	—	—	—	—	1	—	1
13M.	Cancer of Buccal Cavity and Oesophagus	—	—	—	—	2	9	11
14	Cancer of Stomach and Duodenum	—	—	—	1	2	8	11
16	Cancer of all other sites	1	—	1	3	13	21	39
17	Diabetes	—	—	—	—	—	2	2
18	Intra-cranial Vascular Lesions	—	—	—	1	13	24	38
19	Heart Disease	—	—	1	3	27	68	99
20	Other Diseases of the Circula- tory System	1	—	—	—	4	4	9
21	Bronchitis	1	1	—	2	7	13	24
22	Pneumonia	7	2	1	1	4	2	17
23	Other Respiratory Diseases	—	—	—	2	3	2	7
24	Ulceration of the Stomach and Duodenum	—	—	—	1	4	1	6
25	Diarrhoea (under 2 years of age)	7	—	—	—	—	—	7
26	Appendicitis	—	—	1	—	—	2	3
27	Other Digestive Diseases	2	2	—	2	2	3	11
28	Nephritis	—	—	—	2	8	6	16
31	Premature Birth	15	—	—	—	—	—	15
32	Congenital Malformation, Birth Injury and Infantile Diseases	12	—	—	—	—	—	12
33	Suicide	—	—	—	3	—	1	4
34	Road Traffic Accidents	—	—	1	1	1	1	4
35	Other Violent Causes	2	—	1	8	2	4	17
36	All Other Causes	7	1	—	1	7	22	38
	Totals All Causes	58	12	11	47	118	195	441

Deaths under one year of age :—

Legitimate male children ... 56.
Illegitimate male children ... 2.

TABLE III.

Registrar-General's List of Causes of Death at different periods
of life in the County Borough of Tynemouth during 1942.

FEMALES.

Short List No.	Causes of Death.	Under 1 Year.	1 to 5	5 to 15	15 to 45	45 to 65	65 and over.	Total all Ages.
1	Typhoid and Paratyphoid Fever... ..	—	—	—	—	—	—	—
2	Cerebro-Spinal Fever... ..	1	—	—	—	—	—	1
3	Scarlet Fever	—	—	—	—	—	—	—
4	Whooping Cough	1	2	—	—	—	—	3
5	Diphtheria	—	1	5	—	—	—	6
6	Tuberculosis of Respiratory System	—	—	1	13	5	1	20
7	Other Forms of Tuberculosis... ..	—	2	1	1	—	—	4
8	Syphilitic Diseases	—	—	—	1	2	—	3
9	Influenza	1	—	—	—	—	—	1
10	Measles	—	—	—	—	—	—	—
11	Acute Poliomyelitis and Polioencephalitis	—	—	—	—	—	—	—
12	Acute Infectious Encephalitis	—	—	—	—	1	—	1
13F.	Cancer of Uterus	—	—	—	2	4	3	9
14	Cancer of Stomach and Duodenum	—	—	—	—	4	3	7
15	Cancer of Breast	—	—	—	—	3	3	6
16	Cancer of all other sites	—	—	—	1	5	12	18
17	Diabetes	—	—	—	1	—	—	1
18	Intra-cranial Vascular Lesions	—	—	—	2	15	41	58
19	Heart Disease	—	—	—	5	15	65	85
20	Other Diseases of the Circula- tory System	—	—	—	—	1	10	11
21	Bronchitis	2	—	—	—	—	5	7
22	Pneumonia	6	3	1	2	1	4	17
23	Other Respiratory Diseases	—	—	—	2	2	2	6
24	Ulceration of the Stomach and Duodenum	—	—	—	2	1	—	3
25	Diarrhoea (under 2 years of age)	3	1	—	—	—	—	4
26	Appendicitis	—	—	—	—	—	—	—
27	Other Digestive Diseases	—	2	—	3	5	1	11
28	Nephritis	—	—	1	1	4	5	11
29	Puerperal and Post-Abortive Sepsis	—	—	—	—	—	—	—
30	Other Maternal Causes	—	—	—	2	—	—	2
31	Premature Birth	5	—	—	—	—	—	5
32	Congenital Malformation, Birth Injury and Infantile Diseases	5	—	—	—	—	—	5
33	Suicide	—	—	—	1	1	—	2
34	Road Traffic Accidents	—	—	—	1	—	1	2
35	Other Violent Causes	—	1	1	2	3	3	10
36	All Other Causes	2	2	—	3	11	9	27
	Totals All Causes	26	14	10	45	83	168	346

Deaths under one year of age :—

Legitimate female children ... 24.
Illegitimate female children ... 2.

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